

IN THE CLAIMS:

Please amend claim 12 so that the claims read as follows:

1. (Original): A substrate transfer system for use in fabricating a liquid crystal display (LCD) device, comprising:

a cassette having a bar code;

a cassette stoker to store the cassette;

an auto guided vehicle having a bar code reader, the auto guided vehicle being able to transfer the cassette;

a moving path unit to determine a moving path of the auto guided vehicle;

a plurality of process stages at which processes are conducted on a substrate during fabrication of the LCD device; and

a host to control the cassette stoker, the auto guided vehicle, and the process stages.

2. (Original): The system according to claim 1, wherein the cassette stoker and the auto guided vehicle include a robot arm to load and unload the cassette.

3. (Original): The system according to claim 2, wherein the robot arm has a bar code reader.

4. (Original): The system according to claim 1, wherein the process stages respectively include a shelf to load and unload the substrate cassette and a sensor to detect a processed cassette.

5. (Original): The system according to claim 1, wherein the moving path unit includes a position detecting sensor to detect a position of the auto guided vehicle.

6. (Original): The system according to claim 1, wherein the moving path unit includes a rail.

7. (Original): A method of manufacturing a liquid crystal display (LCD) device using the substrate transfer system according to claim 1, comprising the steps of:

performing a plurality of processes respectively on a color filter substrate and a thin film transistor substrate, the color filter substrate and the thin film transistor being transferred using the substrate transfer system; and

attaching the color filter substrate and the thin film transistor together with liquid crystal material being disposed therebetween.

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8. (Original): A substrate transfer system for use in fabricating a liquid crystal display (LCD) device, comprising:

- a cassette having a bar code;
- a cassette stoker to store the cassette, the cassette stoker having a bar code reader;
- an auto guided vehicle being able to transfer the cassette;
- a rail disposed along a moving path of the auto guided vehicle;
- a plurality of process stages at which processes are conducted on a substrate during fabrication of the LCD device; and
- a host to control the cassette stoker, the auto guided vehicle, and the process stages.

9. (Original): The system according to claim 8, wherein the cassette stoker includes a robot arm having a bar code reader.

10. (Original): A method of manufacturing a liquid crystal display (LCD) device using the substrate transfer system according to claim 8, comprising the steps of:

- performing a plurality of processes respectively on a color filter substrate and a thin film transistor substrate, the color filter substrate and the thin film transistor being transferred using the substrate transfer system; and
- attaching the color filter substrate and the thin film transistor together with liquid crystal material being disposed therebetween.

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11. (Original): A method for transferring a substrate during fabrication of a liquid crystal display (LCD) device, comprising the steps of:

unloading a cassette having a bar code from a cassette stoker to an auto guided vehicle having a bar code reader;

reading the bar code attached to the cassette using the bar code reader;

analyzing information from the bar code reader;

directing the auto guided vehicle to a stage where a process is to be performed;

loading the cassette on the stage;

detecting a cassette on which the process has been completed and transmitting the information to a host;

directing the auto guided vehicle to the stage where the processed cassette is disposed and loading the processed cassette into the auto guided vehicle; and

transferring the cassette to the cassette stoker.

12. (Currently Amended): The ~~system~~ method according to claim 11, further comprising a step of reading the bar code attached to the cassette using the bar code reader before loading the cassette on the stage.

13. (Original): A substrate transfer system of a liquid crystal display (LCD) device, comprising the steps of:

reading a bar code attached to a cassette using a bar code reader disposed in a cassette stoker;

loading a cassette from the cassette stoker having the bar code reader to an auto guided vehicle;

directing the auto guided vehicle to a stage where a process is to be performed;

unloading the cassette on the stage;

detecting a cassette on which the process has been completed and transmitting the information to a host;

directing the auto guided vehicle to the stage where the processed cassette is disposed and loading the cassette into the auto guided vehicle; and

transferring the cassette to the cassette stoker.